Charter for the NIST Cloud Computing Reference Architecture and Taxonomy
Public Working Group (WG)

Background
NIST is leading the development of a United States Government (USG) Cloud Computing Technology Roadmap. This roadmap will define and prioritize USG requirements for interoperability, portability, and security for cloud computing in order to support secure and effective USG adoption of Cloud Computing. To help develop the ideas in the USG Cloud Computing Technology Roadmap, NIST has created the following Working Groups:

2. Cloud Computing SAJACC Working Group
5. Cloud Computing Target Business Use Cases Working Group

Scope
To understand the principles of Cloud Computing, it is important to develop a Reference Architecture and a taxonomy to explain the terms. The NIST RATax WG has developed Version 1.0 for each. In this series of meetings, the NIST RATax WG shall meet for the purposes of further development to the NIST Cloud Computing Reference Architecture and Taxonomy by addressing Requirements 3, 5 and 10 of NIST SP 500-293 Volume I Release 1.0 (Draft) as well as

- Furthering the discussion on the roles of cloud consumer, cloud auditor, cloud broker and cloud carrier;
- Develop an in-depth study on security (Collaborative with CC Security WG); and
- Continued Activity on Taxonomy & Ontology for Cloud Computing

The NIST Cloud Computing RATax WG will also leverage the existing, publicly available work, plus the work of the other NIST Working Groups to produce stated goals.

Deliverables
1. Develop items needed to carry out PAPs for Requirements 3, 5 and 10 of CC Roadmap Volume I
2. Identify and document additional roles and responsibilities of cloud consumer, cloud auditor, cloud broker and cloud carrier;
3. Develop an in-depth study on security (Collaborative with CC Security WG); and
4. Continued Activity on Taxonomy & Ontology for Cloud Computing

Target Date
The goal for completion of the work is Monday April 30, 2012

Meeting Frequency
It is anticipated that there will be weekly 2-hour meetings by telecon on Mondays from either 1100-1300 ET or 1300-1500 ET. A schedule of meetings & times will be supplied.

**Membership**
Participation in the WG is open to all interested parties. There are no membership fees

**Co-Conveners**
Robert Bohn, NIST; John Messina, NIST

**Liaisons**
The work of the NIST Cloud Computing Working Groups is interrelated. The Cloud Computing Reference Architecture and Taxonomy Working Group will liaise with the other Working Groups as needed.

**Standing Rules**
Documents shall be made available to all WG members. Final recommendations from the WG will be made publicly accessible on the NIST Cloud Computing Portal.

**Outreach**
NIST may make the results of this WG available to Standards Developing Organizations (SDOs) and other interested parties.